-JC10 Rec'd PCT/P

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 36 U.S.C. 371

ATTORNEY'S DOCKET NUMBER NREL 02-15

U.S. APPLICATION NO (filescown, see 27 CFR 1.5)

	IONAL APPLICATION NO. 503/07804	INTERNATIONAL FILING DATE 14 March 2003	PRIORITY DATE CLAIMED					
TITE OF INVENTION WAFER CHARACTERISTICS VIA RELECTOMETRY								
APPLICANT(S) FOR DOJEOUS BHUSHAN L. SOPORI								
	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1. 🛭 Т	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
2 TI	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. 🔲 T	The US has been elected (Article 31).							
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
	is attached hereto (required only if not communicated by the International Bureau).							
	b. has been communicated by the International Bureau.							
	C. is not required, as the applic	cation was filed in the United States Receiving	ng Office (RO/US).					
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
	a. is attached hereto.							
n==n	b. has been previously submit	tted under 35 U.S.C. 154(d)(4).						
7.	Amendments to the daims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))							
	a are attached hereto (required only if not communicated by the International Bureau).							
	b. have been communicated by the International Bureau.							
	c have not been made; how	vever, the time limit for making such amendr	ments has NOT expired.					
	d. X have not been made and	will not be made.						
8.	An English language translation of the amendments to the daims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	xamination Report under PCT					
Items	I to 20 below concern document(s) or information included:						
11. 🛛	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.						
12 🔀	An assignment document for recording	ng. A separate cover sheet in compliance w	ith 37 CFR 3.28 and 3.31 is included.					
13.	A preliminary amendment							
14.	An Application Data Sheet under 37 (CFR 1.76.						
15.	A substitute specification.		·					
16.	A power of attorney and/or change of address letter.							
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.							
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							
20.	Other items or information: post card secret, cost of mailing 1.10							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO-1390 (Rev. 12-2004)
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U.S. APPLICATION NO. (If known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.				ATTORNEYS DOCKET NUMBER			
10/535291 PCT/US03/07804					NREL 02-15		
21. The following fees are submitted:						Applicant use	Office use only
a) Basic na	itional fee				\$300.00	\$ 300.00	
b) Examination fee						\$ 200.00	· · · · · · · · · · · · · · · · · · ·
C) Search fo	ee	\$ 500.00					
	TOTAL OF ABOVE CA				\$ `1000.00	\$ 1000.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						· :	
Total Sheets	Extra sheets		Number of each additional 50 or fraction RATE thereof (round up to a whole number)				
- 100 =	/50=				× \$250.00	\$ 0	
	30.00 for furnishing the o late (37 CFR 1.492(e)).	ath or declara	tion later than 30 months fr	om the	earliest	\$.	
CLAIMS	NUMBERF	TLED	NUMBER EXTRA		RATE	\$	
Total daims	58	-20=	38	×	\$50.00	\$ 1900.00	
Independent dai	ims 7	-3=	4	×	\$200.00	\$ 800.00	
MULTIPLE DEF	PENDENT CLAIM(S) (if a	applicable)		+	\$360.00	\$	
			TOTAL OF ABOVE	CALC	ULATIONS =	\$ 3700.00	
Applicant of by 1/2.	daims small entity status	s. See 37 CFR	1.27. The fees indicated at	ove an	e reduced	\$ 1850.00	
				:	SUBTOTAL=	\$ 1850.00	
_	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest daimed priority date (37 CFR 1.492(f)).						
			TOTAL	L NATI	ONAL FEE =	\$ 1850.00	
	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$40.00						
			TOTAL F	EES E	NCLOSED :	\$ 1890.00	
. Amount to be refunded:							\$
Amount to be charged							\$
a Ache	ck in the amount of \$		to cover the abo	ove fee	s is endosed.		
a. A check in the amount of \$ to cover the above fees is enclosed. b. Please charge my Deposit Account No. 14-0460 in the amount of \$ 1890.00 to cover the above fees. A duplicate copy of this sheet is enclosed.							
c The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0460 A duplicate copy of this sheet is endosed.							
d Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not							
be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition (overvive (37 CFR 1.1 37(a) or (b)) must be filed							
and granted to restore the International Application to pending status.							
SEND ALL CORRESPONDENCE TO:							
Paul J. White							
NREL 1617 Cole Blvd. PAUL J. WHITE							
Goldon CO 80401							
REGISTRATION NUMBER							.
, REGITATION NUMBER							

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Bhushan L. Sopori)	Art Unit: Not Yet Accorded
Serial No.:	Not Yet Accorded)	Examiner: Not Yet Accorded
Filed:	Not Yet Accorded)	·
Title:	Wafer Characteristics via Reflectometry	ý	Atty. Dkt. No.: 02-15

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

Express Mail Mailing Label No. EL 927022123 US

Date of Deposit 16 May 2005

I hereby certify that the following attached items:

- 1) Transmittal Letter under 36 USC 371 [2 pgs]
- 2) Recordation Form Cover Sheet & Assignment [3 pgs]
- 3) Copy of Declaration (PCT Request) [1 pg]
- 4) Information Disclosure Statement [2 pgs] + cited references
- 5) Postcard Receipt

are being deposited in the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and addressed to the Commissioner for Patents, U.S. Patent & Trademark Office, P.O. Box 1450, MS/Patent Application, Alexandria, VA 22313-1450.

National Renewable Energy Laboratory

Janice E Brown

Patent Administrator

1617 Cole Boulevard Golden, CO 80401 303/384-7576 303/384-7499 (fax)